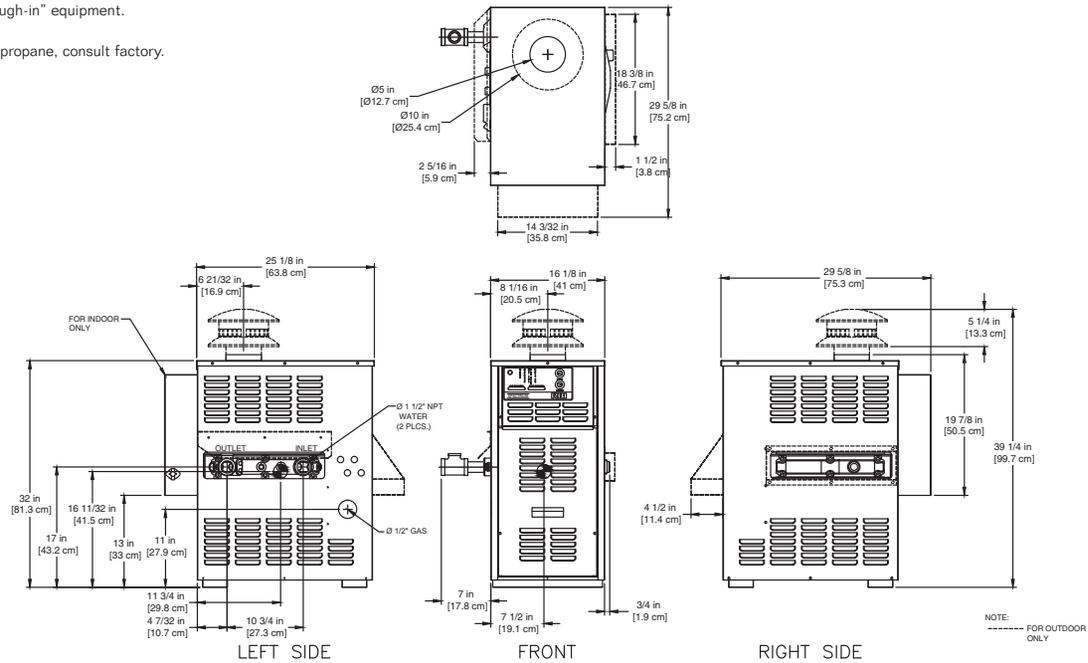


NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

**For incoming gas pressures lower than 5" WC natural or 11" WC propane, consult factory.



RSUB-1-C

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	100,000 / 29 kW	Min. Gas Pressure Required	5" WC**
Output BTU/hr.	82,000 / 24 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	164 lbs. / 74 kg.

TEMPERATURE RISE / PRESSURE DROP

10° F / 5.5° C			
Flow Rate		Pressure Drop	
GPM	L/s	Ft	kPa
16.4	1.0	0.05	0.1
16.4	1.0	0.34	1.0

2 Pass
4 Pass

BOILER TRIM & CONTROLS

Gas Valve - INT	Honeywell VR8304M 1/2"	Ignition Control (SB)	Honeywell S9361A2085
Gas Valve	Honeywell VR8304Q 3/4"- 2 Stg.	Ignition Control (SW)	Honeywell S86IOM
Operating Control (SB/SW)	Honeywell - On/Off	Relief Valve - SW	3/4" x 3/4" set @ 125 psi
Operating Control (SW)	Jumo - 2 Stage	Relief Valve - SB	3/4" x 3/4" set @ 30 psi
High Limit (SB/SW)	Jumo	Flow Switch	TACO IFS-1

RECOVERY CAPACITY

40° F	22° C	60° F	33° C	80° F	44° C	100° F	56° C	120° F	67° C	140° F	78° C
246	932	164	621	123	466	98	373	82	311	70	266

ASME

ASME Sect IV Htg Surface	19.1 Sq. Ft. / 1.77 Sq. M.	Design Data	Max. 160 psig & 250° F
Water Volume	1.07 gal / 4.05 l (liters)		

REP FIRM _____
SUBMITTED BY _____
JOB NAME _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
DATE _____

SPECTRUM 100

Category I Appliance
Must be vented into a negative pressure vent system.

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